Daniel Arias Aranda — Curriculum Vitae

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Full Professor of Business Organization, University of Granada (Spain); on secondment at the Universidad Complutense de Madrid since October 2026.

Personal details and identifiers

Item	Detail
Name	Daniel Arias Aranda
Current position	Full Professor (Catedrático de Universidad), Department of Business Organization, Faculty of Economics and Business, University of Granada
Current assignment	Full Professor on secondment, Universidad Complutense de Madrid (since 20 October 2026)
ORCID	0000-0003-0292-7435
Scopus Author ID	7801374665
Google Scholar	Profile
Research group	GIADE – Advanced Research in Business Management (SEJ-478, Andalusian R&D Plan)

Profile

Daniel Arias Aranda is Full Professor of Business Organization at the University of Granada (since 2011, accredited by ANECA in 2010), currently on secondment at the Universidad Complutense de Madrid. He holds degrees in Business Administration and Economics from Universidad Carlos III de Madrid and a PhD in Economics and Business from the Universidad Complutense de Madrid (2000).

Research. His work addresses operations management, innovation and technology management, servitization, digital supply chains and humanitarian logistics. He combines empirical methods with artificial-intelligence techniques (fuzzy logic, neuro-fuzzy systems, genetic algorithms, machine learning). His publications have received over 4,100 citations in Google Scholar (h-index 31). He holds four six-year research periods (1998–2021), has taken part in 19 competitive R&D projects and has supervised 16 doctoral theses.

Teaching. He has taught strategic management, operations management, business organization and leadership in business, marketing, finance and engineering degrees, and in an international master's programme taught in English with SRH Hochschule Berlin. He received the University of Granada Award for Teaching Excellence (2011).

Management and transfer. He has been Vice-Dean for Curricula and the European Higher Education Area, Director of the Planning and Development Centre of the Health Sciences Technology Park of Granada, President of ACEDEDOT (2010–2017), member of the Governing Board of the Andalusian Agency for Innovation and Development (since 2019) and coordinator of R&D&I project evaluation for the Madrid public universities (since 2024).

Outreach. He contributes regularly to the media on technology, the economy and education. He is the author of the essay *Querido alumno, te estamos engañando* (2023) and the novel *La respuesta a todo* (2023).

Positions

Period	Position	Institution
Oct 2026 – present	Full Professor on secondment	Universidad Complutense de Madrid
Jul 2011 – present	Full Professor of Business Organization	University of Granada
Jun 2001 – Jul 2011	Associate Professor (Profesor Titular)	University of Granada
Oct 1999 – Jun 2001	Assistant Lecturer (Profesor Asociado)	University of Granada
Oct 1997 – 1999	Assistant Lecturer (Profesor Asociado)	Universidad Complutense de Madrid

Education

Year	Degree	Institution
2000	PhD in Economics and Business. Thesis: *Operations strategy, flexibility and performance in the engineering firms sector*. Supervisors: Dr María José Álvarez Gil and Dr Mariano Nieto Antolín	Universidad Complutense de Madrid
1995	Degree in Economics (Licenciatura)	Universidad Carlos III de Madrid
1994	Degree in Business Administration (Licenciatura)	Universidad Carlos III de Madrid

Languages

Language	Listening	Reading	Spoken interaction	Spoken production	Writing
Spanish	Native	Native	Native	Native	Native
English	C2	C2	C2	C2	C2
French	B1	B2	B1	B1	B1
German	B1	B1	B1	B1	B1
Catalan	B1	B1	B1	B1	B1

Evaluations, accreditations and awards

- **Research periods (sexenios)**: four six-year periods recognised by CNEAI/ANECA: 1998–2003, 2004–2009, 2010–2015 and 2016–2021.
- **Accreditation**: Full Professor (Catedrático de Universidad), ANECA, 2010.
- **Award**: University of Granada Award for Teaching Excellence, 2011.

Teaching period (quinquenio)	Years covered	Effective from	Category
6th	Oct 2020 – Oct 2025	Jan 2026	Full Professor
5th	Oct 2015 – Oct 2020	Jan 2021	Full Professor
4th	Oct 2010 – Oct 2015	Jan 2016	Full Professor

Teaching period (quinquenio)	Years covered	Effective from	Category
3rd	Oct 2005 – Oct 2010	Jan 2011	Associate Professor
2nd	Oct 2000 – Oct 2005	Jan 2006	Associate Professor
1st	Jan 1993 – Oct 2000	Jan 2004	Associate Professor

Research indicators

Google Scholar, 26 November 2026: 4,124 citations, h-index 31, i10-index 46 (since 2021: 1,735 citations, h-index 19, i10-index 32).

Most cited articles	Journal	Year	Citations (Google Scholar)
Adoption of e-commerce applications in SMEs	Industrial Management & Data Systems	2011	1,020
Outsourcing, competitive capabilities and performance: an empirical study in service firms	International Journal of Production Economics	2010	259
Service operations strategy, flexibility and performance in engineering consulting firms	International Journal of Operations & Production Management	2003	259
Determinants of innovation through a knowledge-based theory lens	Industrial Management & Data Systems	2002	230
Innovation and firm size: an empirical study for Spanish engineering consulting companies	European Journal of Innovation Management	2001	168
The impact of absorptive capacity on technological acquisitions engineering consulting companies	Technovation	2007	135

Teaching

Almost three decades of undergraduate, master's and doctoral teaching in business, marketing, finance and engineering degrees, in Spanish and in English.

Courses taught

Period	Course	Degree	University
2026 – present	Strategic Management	Degree in Finance	Universidad Complutense de Madrid
2018 – 2026	Leadership and Emotional Intelligence	Master in Economics (taught in English, with SRH Hochschule Berlin)	University of Granada
2017 – 2026	Strategic Management	Master's Degree in Chemical Engineering	University of Granada
2010 – 2020	Strategic Management	Master in Economics (taught in English)	University of Granada
2010 – 2015	Production and Operations Management	Master in Economics (taught in English)	University of Granada
2008 – 2014	Production and Operations Management	Business Administration	University of Granada
2005 – 2013	Industrial Organization	Civil Engineering	University of Granada
2005 – 2013	Economics and Business Organization	Civil Engineering	University of Granada
2005 – 2008	Strategic Management	Business Administration	University of Granada
2002 – 2010	Management and Organization of Commercial Firms	Market Research and Techniques	University of Granada
2002 – 2010	Planning and Control of Commercial Firms	Market Research and Techniques	University of Granada
2000 – 2005	Fundamentals of Business Administration	Business Administration	University of Granada

Period	Course	Degree	University
1997 – 1999	Strategic Management	Business Administration	Universidad Complutense de Madrid

Teaching-innovation projects (University of Granada, competitive calls)

Period	Project	Role	Funding
2010 – 2011	European Higher Education Area and autonomous learning: developing transferable skills through a professional blog (ref. 10-139)	Team member	€1,400
2009 – 2010	Adapting university teaching to the EHEA through ICT: an experience based on a professional business blog (ref. 09-212)	Team member	€1,360
2007 – 2008	New teaching methods based on production-process design simulators (ref. 07-02-23)	Team member	€4,200
2006 – 2007	Applying design simulation to the creation of new firms (ENTERPRISE)	Team member	€7,000
2005 – 2006	Business simulators as a teaching tool in business management (ASIMOV2)	Principal investigator	€3,500
2004 – 2005	Applying simulation methods to teaching in operations management (ASIMOV1, ref. 04-01-18)	Coordinator	€6,000

Other teaching merits

- University of Granada Award for Teaching Excellence (2011).
- Co-author of the textbooks *Dirección de la producción y operaciones: decisiones estratégicas* and *decisiones operativas* (Pirámide, 2018; new edition 2024).
- Author of *Querido alumno, te estamos engañando* (Temas de Hoy, 2023), an essay on the challenges of higher education in the digital era.
- Regular presentations on teaching innovation (gamification, business simulation, escape rooms, rapid assessment tools) at the ACEDEDOT Workshops in Operations Management and Technology.

Doctoral theses supervised (University of Granada)

Year	Candidate	Thesis title (English)
2025	Klaus-Dieter Schwarz	Towards an open-source intelligence and machine-learning-based platform for automation in disaster management situational awareness reporting
2025	Peyman Rabiei	A novel multi-objective optimization model for last-mile distribution in the post-disaster phase: combining fuzzy inference systems with NSGA-II and NRGA
2022	Nusret Drljevic	Transformation design for a decentralized, value-sharing economy
2020	Sarfaraz Jan Sarfaraz	Governance of cloud computing in the context of contractual management
2018	Luis Felipe Toro Dupouy	Diversity management and its impact on firm performance: an empirical study
2017	Ruslan Djundubaev	Assessing the effect of ICT in education: gamification and simulations as enablers of entrepreneurial attitude in business settings
2017	Sara González Gaspar	Knowledge-intensive business services as a determinant of servitization and new business models in the publishing industry
2016	Marco Opazo Basáez	Implementation of advanced information and communication technologies and implications for strategic supply chain management
2016	Carlos Galera Zarco	Towards a new conception of value creation: servitization and digitalization in project-based firms
2012	Lilia Nancy Gallardo Vega	The effect of entrepreneurial orientation and networking capabilities on the performance of technology-based firms in science and technology parks
2012	Thanh Cong Huynh	Creation process of research-based spin-offs: an empirical analysis

Year	Candidate	Thesis title (English)
2012	Francisco José Sánchez-Montesinos García	Absorptive capacity and CRM in print media companies
2011	Kwei Fun Sandro Tsang	Knowledge management for a special class of professional practices: learning from e-health
2010	Alfonso Vélez Martínez	Strategic flexibility in the cement industry: simulations
2010	Antonio Mihi Ramírez	A causal analysis of the relationship between knowledge creation and reverse logistics
2008	Oscar Fernando Bustinza Sánchez	Strategic outsourcing and firm performance: knowledge management and flexibility as moderating variables

Two further theses appear in the CVN but not in the University of Granada records: *Governance architecture management in cloud computing environments* (2022) and *Influence of managers' strategic orientation on technology acquisitions: an empirical study of consulting firms*.

Doctoral thesis committees (17)

Year	Role	University	Candidate
2022	President	Universidad de León	Enrique Acebo
2020	Member	Universitat de Barcelona	Helen Davilene Castellón Orozco
2017	Member	Universidad Complutense de Madrid	Elena María Giménez Fernández
2017	Member	Universidad Complutense de Madrid	Jacobo García Anduiza
2015	Secretary	University of Granada	Ahmad Herzallah
2015	Member	Universidad Complutense de Madrid	Mirbella Teresa Gallareta Negrón
2015	Member	Universitat de Barcelona	Milena Gómez Cedeño
2014	President	Universidad de Navarra	María Isabel Rodríguez Ferradas

Year	Role	University	Candidate
2013	President	University of Granada	Vasileios Myrthianos
2013	Member	Universidad Rey Juan Carlos	César Espíritu Navarro
2013	Member	Universidad Politécnica de Madrid	Sujith Krishnan Suchithra Nair
2012	Secretary	University of Granada	Andrés José Navarro Paule
2011	Secretary	University of Granada	María Isabel Navarro Jiménez
2009	Secretary	University of Granada	José Benítez Amado
2009	Member	Universidad Complutense de Madrid	Marta Fossas Olalla
2008	Member	University of Granada	Virginia Fernández Pérez
2008	Member	University of Granada	Vanesa Barrales Molina

Research projects

Participation in 19 competitive R&D projects funded by the European Commission, Spanish national R&D plans, the Regional Government of Andalusia and the University of Granada.

Start	Project	Funder	Reference
2024	The role of artificial intelligence and servitization in smart manufacturing (2024–2026)	Regional Government of Andalusia	C-SEJ-020-UGR23
2024	Unit of Excellence: Work, Territory and Competitiveness (2024–2027)	University of Granada	UCE-PP2023-08
2021	Digital servitization: achieving competitive advantage in product supply chains through digital services (2021–2023)	Regional Government of Andalusia (ERDF)	A-SEJ-196-UGR20
2020	Strategies to address the impact of COVID-19 on the Sustainable Development Goals in Andalusia (2020–2021)	Regional Government of Andalusia	CV20-01172

Start	Project	Funder	Reference
2019	REMESH – Research Network on Emergency Resources Supply Chain	European Commission, Horizon 2020	–
2019	AGROSOS – Agrofood Sustainable Goals	European Commission, Horizon 2020	–
2019	Unit of Excellence: Advanced Research in Economics and Business (2019–2026)	University of Granada	UCE2018-02
2015	Advanced ERP systems and cloud computing: implications of servitization for supply chain management in the digital society	Spanish national R&D plan	ECO2014-58472-R
2013	Strategic information management, quality systems and organizational performance (2013–2018)	Regional Government of Andalusia (Excellence projects)	P11-SEJ-7294
2011	Advanced ERP systems in supply chain management: perspectives from operations management	Spanish Ministry of Economy and Competitiveness	–
2009	Strategic leadership and flexibility under quality management processes	Regional Government of Andalusia	–
2008	Gender, race and physical attributes discrimination: applications to the labour market	Spanish Ministry of Science and Innovation	–
2007	Flexibility and change in hypercompetitive environments: theory and evidence	Regional Government of Andalusia	–
2007	Financial exclusion, social exclusion and poverty: a multidisciplinary study (2007–2010)	Regional Government of Andalusia	–

Start	Project	Funder	Reference
2006	Internal capabilities and external networks: effects on the growth and performance of new firms (2006–2009)	Spanish Ministry of Education and Science	SEJ2006-06017
2006	Flexibility and strategic change in the services sector: an approach based on environmental and quality management	Spanish national R&D plan	–
2004	Modelling the dynamics of strategic fit in hypercompetitive environments: a quality-management approach	Spanish national R&D plan	–
2004	New information technologies and knowledge management in European firms: an empirical analysis	Spanish national R&D plan	–
2002	Group of Research on Organizations and the Natural Environment (international cooperation special action, €10,000)	Spanish Ministry of Education and Science	SEC2002-10755-E

Research group

Member of GIADE – Advanced Research in Business Management (SEJ-478, Andalusian R&D Plan), University of Granada, since 2007.

Knowledge transfer

- Member of the Governing Board of the Andalusian Agency for Innovation and Development (Agencia IDEA, Regional Government of Andalusia), since 2019.
- Coordinator of the evaluation of R&D&I projects of the Madrid public universities, Directorate-General for Research and Technological Innovation, Community of Madrid (since 2024; evaluator since 2023).

- Director of the Planning and Development Centre of the Health Sciences Technology Park of Granada (from 2008): business-opportunity analysis and support for university spin-offs.
- Member of the International Advisory Board of the International Management programmes, SRH Hochschule Berlin.
- Open research software: *presidio-hardened-vol-assign* (Zenodo, 2026).

Publications

106 publications recorded in the CVN, newest first. Bibliographic details were completed from OpenAlex. Titles of works published in Spanish are given in English translation.

Journal articles and proceedings papers

1. Vladimir Stantchev, Peyman Rabiei, Daniel Arias Aranda. (2026). Is the Optimiser Needed? Auditing a Digital Decision Support System for Necessity, Decision Stability and Input Fragility Under Turbulence. *Systems*, 14(12), 1509. doi:10.3390/systems14121509
2. Juraj Cheben, Yuting Cui, Drahoslav Lancaric, Raphaël Lissillour, Daniel Arias Aranda. (2026). How Did the Covid-19 Pandemic Change Consumer Behavior Regarding Sustainable Consumption? An Environmental Responsibility Perspective Across Cultures and Generations. *Corporate Social Responsibility and Environmental Management*, 33(2), 1671–1699. doi:10.1002/csr.70249
3. Daniel Arias Aranda, Knut Haufe, Srdan Dzombeta, Vladimir Stantchev. (2026). Business Continuity Management—Identifying Relevant Processes for a Reference Model. *Applied Sciences*, 16(7), 3219. doi:10.3390/app16073219
4. Peyman Rabiei, Daniel Arias Aranda, Vladimir Stantchev. (2026). Resilient Last-Mile Allocation in Humanitarian Supply Chains: A Reproducible Four-Objective Fuzzy Framework. *Applied Sciences*, 16(15), 7581. doi:10.3390/app16157581
5. Franziska Schwarz et al. (2026). Zero-Shot Social Media Crisis Classification: A Training-Free Multimodal Approach. *Applied Sciences*, 16(5), 2192. doi:10.3390/app16052192
6. Franziska Schwarz, Klaus Dieter Schwarz, Reiner Manfred Creutzburg, Daniil Tashkan, Daniel Arias Aranda. (2026). Beyond training: engineering vision-language models for immediate disaster assessment. *Proceedings of SPIE, Multimodal Image Exploitation and Learning 2026*. doi:10.1117/12.3100583
7. María del Carmen Quirantes Sierra, Arturo Quirantes Sierra, Daniel Arias Aranda. (2025). Volcanic Activity and Its Impact on Air Operations: Lessons from Eyjafjallajökull. *Proceedings of the International Conference on Transportation Information and Safety (ICTIS), IEEE*, 1960–1963. doi:10.1109/ictis68762.2025.11214796

8. Daniel Arias Aranda, Pedro A. García-López, Francisco Gustavo Bautista Carrillo. (2025). Advanced Manufacturing Technologies and Digital Commerce Integration in Spanish Industry: Innovation Outcomes and Sustainability Pathways. *Sustainability*, 17(22), 10105. doi:10.3390/su172210105
9. (2025). Technological Adoption Sequences and Sustainable Innovation Performance: A Longitudinal Analysis of Optimal Pathways. *Sustainability*.
10. Francisco Gustavo Bautista Carrillo, Daniel Arias Aranda. (2025). Digital transformation pathways, sustainable innovation and competitive advantage: a study in Spanish manufacturing firms. *Proceedings of the International Conference on Transportation Information and Safety (ICTIS), IEEE*, 2055–2069. doi:10.1109/ictis68762.2025.11214925
11. Peyman Rabiei, Seyed Hadi Mirghaderi, Daniel Arias Aranda. (2025). Efficiently solving the bi-objective traveling thief problem using imperialist competitive algorithm: case of small instances. *Proceedings of the International Conference on Transportation Information and Safety (ICTIS), IEEE*, 8–17. doi:10.1109/ictis68762.2025.11214876
12. Klaus Dieter Schwarz, Kendrick Bollens, Daniel Arias Aranda, Michael Hartmann. (2024). AI-Enhanced Disaster Management: A Modular OSINT System for Rapid Automated Reporting. *Applied Sciences*, 14(23), 11165. doi:10.3390/app142311165
13. Luis Miguel Molina Fernández, Daniel Arias Aranda, Óscar F. Bustinza. (2024). Industry 4.0 and competitive advantage: an analysis from the perspective of knowledge management. *DYNA*, 99(2), 150–153. doi:10.6036/10781
14. Peyman Rabiei, Daniel Arias Aranda, Vladimir Stantchev. (2023). Introducing a novel multi-objective optimization model for volunteer assignment in the post-disaster phase: Combining fuzzy inference systems with NSGA-II and NRGA. *Expert Systems with Applications*, 226, 120142. doi:10.1016/j.eswa.2023.120142
15. Klaus Dieter Schwarz, Daniel Arias Aranda, Michael Hartmann. (2023). Towards Automated Situational Awareness Reporting for Disaster Management—A Case Study. *Sustainability*, 15(10), 7968. doi:10.3390/su15107968
16. Nusi Drljevic, Daniel Arias Aranda, Vladimir Stantchev. (2022). An Integrated Adoption Model to Manage Blockchain-Driven Business Innovation in a Sustainable Way. *Sustainability*, 14(5), 2873. doi:10.3390/su14052873
17. Daniel Arias Aranda, Luis Miguel Molina Fernández, Vladimir Stantchev. (2021). Integration of the Internet of Things and blockchain to increase the performance of humanitarian aid supply chains. (In Spanish.) *DYNA*, 96(6), 653–658. doi:10.6036/10067
18. Peyman Rabiei, Daniel Arias Aranda. (2021). Design and Development of a Genetic Algorithm Based on Fuzzy Inference Systems for Personnel Assignment Problem. *WPOM – Working Papers on Operations Management*, 12(1), 1–27. doi:10.4995/wpom.14699

19. Francisco Gustavo Bautista Carrillo, Agustín López Sánchez, Daniel Arias Aranda. (2021). Analysis of the impact of high voltage power lines on the value of properties in environments of high ecological value and rural tourism: the case of the Lecrín Valley (Granada, Spain). *International Journal of Business Environment*, 12(1), 64. doi:10.1504/ijbe.2021.112112
20. Ricardo Colomo-Palacios, Mary Sánchez-Gordón, Daniel Arias Aranda. (2020). A critical review on blockchain assessment initiatives: A technology evolution viewpoint. *Journal of Software: Evolution and Process*, 32(11), e2272. doi:10.1002/smr.2272
21. Daniel Arias Aranda, Francisco Gustavo Bautista Carrillo, Beatriz Minguela Rata, José Fernández Menéndez. (2020). An empirical analysis of the impact of AMT and e-commerce on innovation and performance in Spanish firms. *International Journal of Product Development*, 24(2/3), 235. doi:10.1504/ijpd.2020.110259
22. Nusi Drljevic, Daniel Arias Aranda, Vladimir Stantchev. (2020). Perspectives on risks and standards that affect the requirements engineering of blockchain technology. *Computer Standards & Interfaces*, 69, 103409. doi:10.1016/j.csi.2019.103409
23. Daniel Arias Aranda, Luis Miguel Molina Fernández, Vladimir Stantchev. (2019). Integration of Internet of Things (IoT) and Blockchain to increase humanitarian aid supply chains performance. *Proceedings of the International Conference on Transportation Information and Safety (ICTIS), IEEE*, 140–145. doi:10.1109/ictis.2019.8883757
24. Marco Opazo Basáez, Daniel Arias Aranda, Manuel Ríos de Haro. (2019). IT implementation and customer results: the mediating role of the competitive priorities achieved by the firm. *International Journal of Business Environment*, 10(4), 329. doi:10.1504/ijbe.2019.101644
25. Abbas Mardani, Dalia Štreimikienė, Mehrbakhsh Nilashi, Daniel Arias Aranda, Nanthakumar Loganathan, Ahmad Jusoh. (2018). Energy Consumption, Economic Growth, and CO2 Emissions in G20 Countries: Application of Adaptive Neuro-Fuzzy Inference System. *Energies*, 11(10), 2771. doi:10.3390/en11102771
26. Peyman Rabiei, Daniel Arias Aranda. (2018). An Adaptive Network-based Fuzzy Inference System for predicting organizational commitment according to different levels of job satisfaction in growing economies. *Simulation*, 94(4), 341–358. doi:10.1177/0037549717712037
27. Francisco Sánchez Montesinos, Marco Opazo Basáez, Daniel Arias Aranda, Óscar F. Bustinza. (2018). Creating isolating mechanisms through digital servitization: The case of Covirán. *Strategic Change*, 27(2), 121–128. doi:10.1002/jsc.2187
28. Luis Toro Dupouy, Daniel Arias Aranda, Antonio Rodríguez Duarte, Guillermo Alfonso Bouzas Centeno. (2017). Profiles of human resources managers according to their perceptions about the impact of diversity on firm performance. *DYNA*, 92(1), 616.

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29. Thanh Huynh, Dean Patton, Daniel Arias Aranda, Luis Miguel Molina Fernández. (2017). University spin-off's performance: Capabilities and networks of founding teams at creation phase. *Journal of Business Research*, 78, 10–22. doi:10.1016/j.jbusres.2017.04.015
30. Juan Carlos Fernández-Zamora, Daniel Arias Aranda. (2017). Implementation of a Gamification Platform in a Master Degree (Master in Economics). *WPOM – Working Papers on Operations Management*, 8, 181. doi:10.4995/wpom.v8i0.7431
31. Marco Opazo Basáez, Sarfaraz Ghulam, Daniel Arias Aranda, Valentín Molina Moreno. (2017). A road map toward intelligent services in healthcare. (Published in Spanish and English.) *DYNA*, 92(1), 22–27. doi:10.6036/7696
32. Luis Toro Dupouy, Daniel Arias Aranda, Antonio Rodríguez Duarte, Guillermo Alfonso Bouzas Centeno. (2017). Diversity management and its impact on firm performance: perceptions of senior human resources executives. (In Spanish.) *DYNA Management*, 5(1). doi:10.6036/mn8425
33. María Esther Caracuel Martínez, Daniel Arias Aranda, Leopoldo Gutiérrez. (2016). IT integration, operations flexibility and performance: An empirical study. *Journal of Industrial Engineering and Management*, 9(3), 684. doi:10.3926/jiem.1869
34. Daniel Arias Aranda, Óscar F. Bustinza, Ruslan Djundubaev. (2016). Effects of gamified business simulations on entrepreneurial attitude at high school level. (Published in Spanish and English.) *Revista de Educación*, 133–156. doi:10.4438/1988-592X-RE-2015-371-311
35. Natalia Jaría Chacón, Daniel Arias Aranda. (2014). Servitization and value creation: implementation in platforms for mobile devices. (Published in Spanish and English.) *DYNA*, 89(3), 482. doi:10.6036/7090
36. Marco Opazo Basáez, Daniel Arias Aranda, Ruslan Djundubaev, Francisco Sánchez Montesinos. (2014). The Role of CRM-SRM Bolt-ons in Enterprise Resource Planning System: Toward a Customer-Oriented Supply Chain. *Strategic Change*, 23(5–6), 389–400. doi:10.1002/jsc.1984
37. Francisco Sánchez Montesinos, Daniel Arias Aranda. (2014). Servitization: An essential tool on future media firms management. *Intangible Capital*, 10(2), 239–265. doi:10.3926/ic.503
38. (2014). Motivation for change as a key element in the future of print media. (In Spanish.) *Intangible Capital*.
39. Ferrán Vendrell-Herrero, Óscar F. Bustinza, Daniel Arias Aranda. (2014). The role of intangible resources under the service-dominant logic (special-issue editorial). (In Spanish.) *Intangible Capital*, 10(2), 213–218. doi:10.3926/ic.505

40. Natalia Jaría Chacón, Daniel Arias Aranda. (2014). Mobile device platforms and servitization: towards an integrative model. (In Spanish.) *DYNA Management*, 2(3). doi:10.6036/mn7047
41. Antonio Luis Mihi Ramírez, Daniel Arias Aranda, Víctor Jesús García Morales. (2012). Reverse logistics management in Spanish firms: towards excellence practices. (In Spanish.) *Universia Business Review*, 33, 70–82.
42. Antonio Mihi-Ramírez, Víctor Jesús García Morales, Daniel Arias Aranda. (2012). Knowledge creation and flexibility of distribution of information. *Industrial Management & Data Systems*, 112(2), 166–185. doi:10.1108/02635571211204245
43. Daniel Arias Aranda, Óscar F. Bustinza, Vanesa Barrales-Molina. (2011). Operations flexibility and outsourcing benefits: an empirical study in service firms. *The Service Industries Journal*, 31(11), 1849–1870. doi:10.1080/02642069.2010.503880
44. Morteza Ghobakhloo, Daniel Arias Aranda, José Benítez-Amado. (2011). Adoption of e-commerce applications in SMEs. *Industrial Management & Data Systems*, 111(8), 1238–1269. doi:10.1108/02635571111170785
45. Daniel Arias Aranda, María del Carmen Haro Domínguez, María Mercedes Romerosa Martínez. (2010). An innovative approach to teaching and learning in business management: the use of design simulators at university. (In Spanish.) *Revista de Educación*.
46. Óscar F. Bustinza, Daniel Arias Aranda, Leopoldo Gutiérrez. (2010). Outsourcing, competitive capabilities and performance: an empirical study in service firms. *International Journal of Production Economics*, 126(2), 276–288. doi:10.1016/j.ijpe.2010.03.023
47. Óscar F. Bustinza, Luis Miguel Molina Fernández, Daniel Arias Aranda. (2010). Organizational learning and performance: Relationship between the dynamic and the operational capabilities of the firm. *African Journal of Business Management*, 4(18), 4067–4078. doi:10.5897/ajbm.9000445
48. Daniel Arias Aranda, Juan Luis Castro, Manuel Navarro, J. M. Sánchez, J. M. Zurita. (2010). A fuzzy expert system for business management. *Expert Systems with Applications*, 37(12), 7570–7580. doi:10.1016/j.eswa.2010.04.086
49. Daniel Arias Aranda, M. Mercedes Romerosa-Martínez. (2010). Innovation in the functional foods industry in a peripheral region of the European Union: Andalusia (Spain). *Food Policy*, 35(3), 240–246. doi:10.1016/j.foodpol.2009.12.008
50. María M. Abad-Grau, Mária Tajtaková, Daniel Arias Aranda. (2009). Machine learning methods for the market segmentation of the performing arts audiences. *International Journal of Business Environment*, 2(3), 356. doi:10.1504/ijbe.2009.023796
51. Beatriz Minguela Rata, Daniel Arias Aranda. (2009). New product performance through multifunctional teamwork: An analysis of the development process towards quality excellence. *Total Quality Management & Business Excellence*, 20(4), 381–392.

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52. Daniel Arias Aranda, Óscar F. Bustinza. (2009). Entrepreneurial attitude and conflict management through business simulations. *Industrial Management & Data Systems*, 109(8), 1101–1117. doi:10.1108/02635570910991328
53. Daniel Arias Aranda, M. Mercedes Romerosa-Martínez, Andrés J. Navarro Paule, M. Carmen Haro-Domínguez, M. Teresa Ortega-Egea. (2008). Simulation as a learning tool for strategic management. (In Spanish.) *Cuadernos de Estudios Empresariales*, 18, 33–49. doi:10.5209/cese.10136
54. Mária Tajtaková, Daniel Arias Aranda. (2008). Targeting university students in audience development strategies for opera and ballet. *The Service Industries Journal*, 28(2), 179–191. doi:10.1080/02642060701842191
55. Daniel Arias Aranda. (2007). Simulating reality for teaching strategic management. *Innovations in Education and Teaching International*, 44(3), 273–286. doi:10.1080/14703290701486662
56. Carmen Haro Domínguez, Daniel Arias Aranda, Francisco Javier Lloréns Montes, Antonia Ruíz Moreno. (2007). The impact of absorptive capacity on technological acquisitions engineering consulting companies. *Technovation*, 27(8), 417–425. doi:10.1016/j.technovation.2007.04.003
57. (2006). Editorial. *International Journal of Business Environment*.
58. María M. Abad-Grau, Daniel Arias Aranda. (2006). Operations strategy and flexibility: modeling with Bayesian classifiers. *Industrial Management & Data Systems*, 106(4), 460–484. doi:10.1108/02635570610661570
59. Daniel Arias Aranda, Luis Miguel Molina Fernández. (2005). Focus strategies: an explanation based on knowledge theory. (In Spanish.) *Alta Dirección*, 41(241), 45–52.
60. Daniel Arias Aranda, María José Álvarez Gil. (2004). Long and short-term effects of customisation on the service operations strategy. *International Journal of Services Technology and Management*, 5(3), 233. doi:10.1504/ijstm.2004.004298
61. Daniel Arias Aranda. (2003). Service operations strategy, flexibility and performance in engineering consulting firms. *International Journal of Operations & Production Management*, 23(11), 1401–1421. doi:10.1108/01443570310501907
62. Antonio Rodríguez Duarte, Daniel Arias Aranda, Beatriz Minguela Rata. (2002). An analytical framework for technological innovation in the firm. (In Spanish.) *Dirección y Organización*. doi:10.37610/dyo.v0i27.178
63. Daniel Arias Aranda. (2002). Relationship between operations strategy and size in engineering consulting firms. *International Journal of Service Industry Management*, 13(3), 263–285. doi:10.1108/09564230210431974

64. Daniel Arias Aranda, Luis Miguel Molina Fernández. (2002). Determinants of innovation through a knowledge-based theory lens. *Industrial Management & Data Systems*, 102(5), 289–296. doi:10.1108/02635570210428320
65. Daniel Arias Aranda. (2001). Operations strategy in service firms: a theoretical framework. (In Spanish.) *Dirección y Organización*. doi:10.37610/dyo.v0i25.229
66. Beatriz Minguela Rata, Daniel Arias Aranda, Antonio Rodríguez Duarte. (2001). Customer-focused service and performance measures: a conceptual framework. (In Spanish.) *Revista de Estudios Empresariales (Jaén)*, 73–90.
67. Beatriz Minguela Rata, Daniel Arias Aranda, Antonio Rodríguez Duarte. (2001). Customer-oriented service and performance measures: towards a conceptual framework. (In Spanish.) *Cuadernos de Ciencias Económicas y Empresariales*, 123–137.
68. Beatriz Minguela Rata, Daniel Arias Aranda, Antonio Rodríguez Duarte. (2001). Customer-oriented service and performance measures: a conceptual framework. (In Spanish.) *Cuadernos de Ciencias Económicas y Empresariales*, 123–137.
69. (2001). Relationship between strategy and size in engineering consulting firms (working paper). *Economic Analysis Working Papers*.
70. Daniel Arias Aranda, Beatriz Minguela Rata, Antonio Rodríguez Duarte. (2001). Innovation and firm size: an empirical study for Spanish engineering consulting companies. *European Journal of Innovation Management*, 4(3), 133–142. doi:10.1108/eum0000000005671
71. Antonio Rodríguez Duarte, Daniel Arias Aranda, Beatriz Minguela Rata. (2000). New product development: considerations on functional integration. (In Spanish.) *Cuadernos de Estudios Empresariales*, 165–184. doi:10.5209/cese.10879
72. Daniel Arias Aranda. (1999). Applying simulation methods to teaching business management and administration. (In Spanish.) *Cuadernos de Estudios Empresariales*, 11–23. doi:10.5209/cese.10966
73. (1999). Strategic management of technology and product design and development: reflections on the Sinclair Research Ltd case. (In Spanish.) *Madri+d*.
74. (1999). Service management: operations, strategy and information technology (book review). (In Spanish.) *Cuadernos de Economía y Dirección de la Empresa*.
75. (1999). The evolution of operations management contents: an analysis of the most relevant textbooks. *Industrial Management & Data Systems*.
76. Beatriz Minguela Rata, Daniel Arias Aranda, Mariano Nieto Antolín, Antonio Rodríguez Duarte. (1998). The evolution of operations management: an analysis of the approaches and contents of its textbooks. (In Spanish.) *Investigaciones Europeas de Dirección y Economía de la Empresa*, 4(1), 81–100.

77. María José Álvarez Gil, Daniel Arias Aranda. (1998). An essay on the dimensions and components of customisation in service operations management (working paper). *Working Papers, Institut de Ciències Polítiques i Socials*.

Books and edited volumes

1. (2026). *Smart Python for Machine Learning and Intelligent Modeling: Foundations and Classical Machine Learning* (Part 1).
2. (2026). *Smart Python for Machine Learning and Intelligent Systems: Deep Learning, Transfer Learning, and AI Engineering* (Part 2).
3. (2026). *Practical Benchmarking and Hands-On Evaluation of AI Popular Systems: A Comparative Experimental Guide to Modern AI Platforms*.
4. (2026). *AI Popular Systems: Architecture, Capabilities, and Comparative Analysis*.
5. Daniel Arias Aranda, Beatriz Minguela Rata (eds.). (2024). *Production and operations management: strategic decisions*. (In Spanish; new edition.) Madrid: Pirámide. ISBN 978-84-368-4888-5.
6. Daniel Arias Aranda. (2023). *Dear student, we are deceiving you*. (Essay, in Spanish.) Madrid: Temas de Hoy.
7. Daniel Arias Aranda, Beatriz Minguela Rata (eds.). (2018). *Production and operations management: strategic decisions*. (In Spanish.) Madrid: Pirámide. ISBN 978-84-368-3900-5.
8. Daniel Arias Aranda, Beatriz Minguela Rata (eds.). (2018). *Production and operations management: operational decisions*. (In Spanish.) Madrid: Pirámide. ISBN 978-84-368-3911-1.
9. (2014). *Project management with ProjectLibre*. (In Spanish.) Editorial Técnica Avicam.
10. (2010). *Business development at the Health Sciences Technology Park of Granada: needs, priorities and objectives*. (In Spanish.)
11. Daniel Arias Aranda. (2001). *Operations strategy in engineering consulting firms*. (Monograph, in Spanish.)

Book chapters

1. Klaus Schwarz, Reiner Manfred Creutzburg, Michael Hartmann, Daniel Arias Aranda. (2025). Harnessing OSINT in disaster management: transforming microblogging posts into insightful data through text embeddings. In: *Algorithms for Intelligent Systems*. Singapore: Springer, 195–213. doi:10.1007/978-981-97-6957-5_17
2. Sarfaraz Ghulam, Vladimir Stantchev, Daniel Arias Aranda. (2020). The Click and Wrap Case—Relevance of the Contract for the Adoption of Cloud-Based CRM Applications. In: *Contractual Management*. Berlin: Springer, 141–165. doi:10.1007/978-3-662-58482-8_5

3. Daniel Arias Aranda et al. (2018). Long-term capacity decisions. (In Spanish.) In: *Production and operations management: strategic decisions*. Madrid: Pirámide, 157–212.
4. Daniel Arias Aranda, José Fernández Menéndez, Juan C. Real, Rocío Ruiz-Benítez, Cristina López. (2018). Inventory management with independent demand and waiting lines. (In Spanish.) In: *Production and operations management: operational decisions*. Madrid: Pirámide, 223–292.
5. Daniel Arias Aranda, Beatriz Minguela Rata. (2018). Introduction to operations management. (In Spanish.) In: *Production and operations management: strategic decisions*. Madrid: Pirámide, 21–38.
6. María Nieves Pérez Aróstegui, Francisco Javier Lloréns Montes, Oscar F. Sánchez, Francisco J. López, María Isabel Roldán Bravo, Daniel Arias Aranda. (2015). Developing personal learning environments in postgraduate management teaching. (In Spanish.) In: *Teaching innovation and good practice at the University of Granada*. Granada: University of Granada, 484–500.
7. Beatriz Minguela Rata, Daniel Arias Aranda, Marco Opazo Basáez. (2013). Processes integration and e-business in supply chain management. In: *Handbook of Strategic e-Business Management* (Progress in IS). Berlin: Springer, 217–236. doi:10.1007/978-3-642-39747-9_10
8. Andrés J. Navarro Paule, María Mercedes Romerosa Martínez, Daniel Arias Aranda. (2012). Adapting university teaching to the European Higher Education Area through ICT: an experience based on a professional business blog. (In Spanish.) In: L. Jiménez del Barco and M. C. García Garnica (eds.), *Teaching innovation and good practice at the University of Granada*, vol. 1. Granada: University of Granada, 241–252. ISBN 978-84-338-5400-1.
9. Daniel Arias Aranda, Juan Luis Castro, María Navarro, J. M. Zurita. (2009). A CBR system for knowing the relationship between flexibility and operations strategy. In: *Foundations of Intelligent Systems (ISMIS 2009)*, Lecture Notes in Computer Science. Berlin: Springer, 463–472. doi:10.1007/978-3-642-04125-9_49
10. (2009). The future of innovation. In: *The Future of Innovation*.
11. (2004). TQM effects on internal and external knowledge transfers. In: *Operations Management as a Change Agent* (EurOMA 2004).

Other outputs

1. Peyman Rabiei, Daniel Arias Aranda, Vladimir Stantchev. (2026). *presidio-hardened-vol-assign* (version 0.6.1), open research software. Zenodo. doi:10.5281/zenodo.21083544

2. Daniel Arias Aranda, Knut Haufe, Srdan Dzombeta, Vladimir Stantchev. (2025). Business continuity management – a process reference model (preprint). *SSRN Electronic Journal*. doi:10.2139/ssrn.5144558
3. Daniel Arias Aranda. (2023). *The answer to everything*. (Novel, in Spanish.) Titanium Editions. ISBN 978-84-126186-4-8.
4. Marco Opazo Basáez, Sarfaraz Ghulam, Daniel Arias Aranda, Vladimir Stantchev. (2014). Smart healthcare services: a patient-oriented cloud computing solution (technical report). SRH Hochschule Berlin, OPUS repository.
5. (2001). The new economy and society in Granada (press article). (In Spanish.) *Ideal*, economy supplement.
6. (1999). Stock options in Spanish companies (report). (In Spanish.) Europa Press.
7. (1999). The euro in Spanish companies (report). (In Spanish.) Europa Press.

Conference papers

64 papers at national and international conferences, newest first. Titles of papers presented in Spanish are given in English translation.

1. (2026) Digitalisation of cultural heritage and the economics of cultural tourism: transforming preservation into opportunity. Digital Presentation and Preservation of Cultural and Scientific Heritage (DiPP 2026), Bulgarian Academy of Sciences.
2. (2021) Introducing a novel multi-objective optimization model for vehicle routing and relief supply distribution in the post-disaster phase: combining fuzzy inference systems with NSGA-II and NRGA. 6th International Conference on Transportation Information and Safety (ICTIS 2021), Wuhan University of Technology, China.
3. (2018) An overview of the OM contents of POMS Granada 2018. POMS International Conference, Granada, Spain.
4. (2016) Digitization and servitization to attend diversity: the Covirán case. 5th International Conference on Business Servitization (ICBS 2016), Granada, Spain.
5. (2016) Implementation of advanced manufacturing technologies and promoting innovation process: an empirical analysis. 5th World Conference on Production and Operations Management (POMS–EurOMA–JOMSA).
6. (2013) Strategic information and customer-oriented systems: the role of competitive priorities. Technology Innovation and Industrial Management Conference (TIIM).
7. (2013) Integrating ERP benefits, competitive priorities and performance measures. Technology Innovation and Industrial Management Conference (TIIM).
8. (2013) Information technology-enabled quality management practices and firm performance: an exploratory study. 23rd National Conference of ACEDE, Spain.

9. (2013) The cooperation economy versus the collaboration economy. 1st International Conference on Terrorism in the 21st Century, Spain.
10. (2012) ERP system benefits, competitive priorities and firm performance. 22nd National Conference of ACEDE, Spain.
11. (2012) Integrating ERP benefits and competitive priorities. 23rd Annual POMS Conference, Chicago, USA.
12. (2011) Reverse logistics flows: the Spanish market perspective. 21st National Conference of ACEDE, Spain.
13. (2011) An empirical study of adoption of e-commerce applications in small and medium-sized businesses. 21st National Conference of ACEDE, Spain.
14. (2011) Reasons for information technology adoption and sophistication within manufacturing SMEs. POMS Annual Conference, USA.
15. (2011) Information technology implementation success within SMEs in developing countries: an interactive model. POMS Annual Conference, USA.
16. (2011) SCM competences and competitive priorities: the moderating effect on firm performance. POMS Annual Conference, USA.
17. (2011) Reverse logistics in operations management teaching. 2nd ACEDEDOT Workshop in Operations Management and Technology, Spain.
18. (2011) ERP benefits and performance: the mediating role played by competitive priorities. International Journal of Arts & Sciences Conference.
19. (2011) Adapting university teaching to the European Higher Education Area through ICT: conclusions from an experience based on a professional business blog. 2nd ACEDEDOT Workshop in Operations Management and Technology, Spain.
20. (2010) Application and implementation of simulators in operations management studies within the EHEA. 1st ACEDEDOT Workshop in Operations Management and Technology, Granada, Spain.
21. (2010) New teaching methods based on production-process design simulators: a further step in adapting to the requirements of the EHEA. 1st ACEDEDOT Workshop in Operations Management and Technology, Granada, Spain.
22. (2010) RFID technology and the supply chain: a conceptual approach. 20th National Conference of ACEDE, Spain.
23. (2009) New teaching methods based on production-process design simulators: a further step in adapting to the requirements of the EHEA. 2nd Teaching Innovation Conference of the University of Granada, Granada, Spain.
24. (2009) The relationship between organizational learning capability and operational flexibility: the evolution of organizational routines. 19th National Conference of ACEDE, Toledo, Spain.

25. (2009) ICT in the EHEA: a learning experience based on mentoring. 1st Andalusian Conference on University Teaching Innovation, Spain.
26. (2009) A CBR system for knowing the relationship between flexibility and operations strategy. 18th International Symposium on Methodologies for Intelligent Systems (ISMIS), Prague, Czech Republic.
27. (2009) An innovative approach to teaching and learning in business management: the use of simulators at university. 19th National Conference of ACEDE, Toledo, Spain.
28. (2009) A production-process simulation experience in university teaching: a further step in adapting to the requirements of the EHEA (ENTERPRISE II). 5th International Conference on Vocational Training, Granada, Spain.
29. (2009) Determinants and performance impact of service firms' technological strategy. 11th International Conference of the Society for Global Business and Economic Development (SGBED), Bratislava, Slovakia.
30. (2009) Operations flexibility and outsourcing benefits. 20th Annual POMS International Conference, Orlando, USA.
31. (2009) Innovation in the functional foods industry in a peripheral region of the European Union: Andalusia (Spain). 19th Spanish–Portuguese Conference on Scientific Management, Baeza, Spain.
32. (2008) Climate and orientation to flexibility: the effects of employment externalization. Managing and Marketing Organizations in an Era of Global Complexity.
33. (2008) How to reduce the strategic vulnerability and loss of control arising from outsourcing. 18th National Conference of ACEDE, León, Spain.
34. (2008) Advances in business simulation and their influence on learning strategic management. 1st Conference on University Teacher Training, University of Granada, Spain.
35. (2008) Benefits derived from outsourcing decisions and their relationship with collaborative know-how and entrepreneurship. 19th Annual POMS Conference, California, USA.
36. (2007) The impact and dissemination of teaching innovation policies: the case of the University of Granada. 6th Biennial International Conference on University, Industry & Government Linkages (Triple Helix), Singapore.
37. (2007) Machine learning for market segmentation of opera and ballet audiences. 10th International Conference of the SGBED, Kyoto, Japan.
38. (2007) Applying design simulation to promote the creation of new firms: ENTERPRISE. 4th Forum on Quality Assessment in Higher Education and Research, Granada, Spain.

39. (2007) Business management in simulation environments: fostering entrepreneurial spirit (ASIMOV). 4th Forum on Quality Assessment in Higher Education and Research, Granada, Spain.
40. (2005) Simulating reality for teaching strategic management. Global Conference on Business & Finance, San José, Costa Rica.
41. (2005) Applying fuzzy logic to operations management research. 4th Conference of the European Society for Fuzzy Logic and Technology and 11th Rencontres Francophones sur la Logique Floue et ses Applications (EUSFLAT–LFA 2005), Barcelona, Spain.
42. (2005) Simulation as a teaching tool for operations and strategic management. 15th National Conference of ACEDE, La Laguna (Tenerife), Spain.
43. (2005) The impact of absorptive capacity on technological acquisitions for engineering consulting companies. 15th International RESER Conference, Granada, Spain.
44. (2005) Determinants of proactive innovative behavior in the development of new services: an empirical research. 16th Annual POMS Conference – OM Frontiers: Winds of Change, Chicago, USA.
45. (2005) Innovating capacities of service firms: absorptive capacity as a key factor. IEEE International Conference on Service Operations and Logistics, and Informatics (SOLI 2005), Beijing, China.
46. (2004) Quality management implementation across different scenarios of competitive structure. 2nd World Conference on Production and Operations Management (POMS 2004), Cancún, Mexico.
47. (2004) TQM effects on internal and external knowledge transfers. EurOMA Conference, Fontainebleau, France.
48. (2004) Operations strategy and flexibility in engineering consulting firms. 2nd World Conference on Production and Operations Management (POMS 2004), Cancún, Mexico.
49. (2002) Approach for development process activities execution and autonomous multifunctional teamwork as determinants of new product performance. POMS 2002 Conference – High Tech POM, San Francisco, USA.
50. (2002) Strategic approach and technological innovation in alternative tourism services. 1st International Conference on the Integrated Tourism Development of Heritage Cities, Granada, Spain.
51. (2001) An analysis of the relationships between new product success, autonomous multifunctional teams and the development process. 11th AECA Conference, Madrid, Spain.

52. (2001) Implications of the relationship between operations strategy and system flexibility in engineering consulting services. 11th National Conference of ACEDE, Zaragoza, Spain.
53. (2001) Multifunctional teamwork and development process as determinants of new product performance. 8th International Product Development Management Conference, the Netherlands.
54. (2001) Determinants of innovation through knowledge management: an empirical analysis in the engineering consulting sector. 11th National Conference of ACEDE, Zaragoza, Spain.
55. (2001) Individuals and communities in the creation and maintenance of knowledge in organizations: a theoretical model. 11th Spanish–Portuguese Conference on Scientific Management, Cáceres, Spain.
56. (2000) Firm size as a determinant of innovation: a study of engineering consulting firms in Spain. 10th National Conference of ACEDE, Oviedo, Spain.
57. (2000) Innovation and firm size: an empirical study for Spanish engineering consulting companies. 1st World Conference on Production and Operations Management, Seville, Spain.
58. (2000) Product development: considerations about cross-functional integration. 9th International Conference, Florida, USA.
59. (1999) Applying fuzzy logic to operations management research. EUSFLAT–ESTYLF Joint Conference, Spain.
60. (1999) New product development: considerations on functional integration. 9th National Conference of ACEDE, Burgos, Spain.
61. (1998) The evolution of operations management through an analysis of the most relevant textbooks. 8th National Conference of ACEDE, Las Palmas de Gran Canaria, Spain.
62. (1998) The dimensions and components of customisation in operations management: a taxonomy of service industries. 5th EurOMA Conference, Dublin, Ireland.
63. (1998) An essay on the dimensions and components of customisation in service operations management. POMS Annual Meeting (working paper), Santa Fe, Mexico.
64. (1998) Do customers wish what they want? Do they want what they wish? POMS Meeting, South Africa.

Workshop and seminar presentations

1. (2021) Escape rooms as a teaching method to experience the complexity of supply chain management in times of pandemic. ACEDEDOT OMTech Online 2021, University of Granada.

2. (2019) ZipGrade as a tool for rapid marking of multiple-choice exams. 10th ACEDEDOT Workshop in Operations Management and Technology (OMTech 2019).
3. (2018) Preparing, developing and publishing the textbooks *Production and Operations Management (Strategic and Operational Decisions)*. 9th Workshop in Operations Management and Technology, Centro Universitario de la Defensa, Spain.
4. (2017) Study and analysis of gamified educational platforms. 8th Workshop of the Operations Management and Technology Section of ACEDE (ACEDEDOT), Universitat Politècnica de València, Spain.
5. (2016) Gamification and simulation in high school students: effects on entrepreneurship and lessons for higher education. ACEDEDOT OMTech Workshop, Universidad de León, Spain.
6. (2015) IT integration and manufacturing flexibility: a complementarity perspective. 25th National Conference of ACEDE, Spain.
7. (2015) Gamification of the teaching-learning process in the Official Master in Economics. 6th Workshop in Operations Management and Technology, Spain.
8. (2015) Predatory journals. 6th Workshop in Operations Management and Technology, Spain.
9. (2014) The evolution of ACEDEDOT: origins, present and prospects. 5th Workshop in Operations Management and Technology, Universidad de Navarra, Spain.
10. (2013) Motivation for change as a key element in the future of print media. 2nd Granada Workshop on Business Servitization, International Conference on Business Servitization, Spain.
11. (2013) The role of CRM-SRM bolt-ons in ERP system customisation: towards a customer-oriented supply chain. 2nd Granada Workshop on Business Servitization, Spain.
12. (2013) Gamification from a service marketing perspective. 2nd Granada Workshop on Business Servitization, Spain.
13. (2012) Adapting university teaching to the European Higher Education Area: towards a blended learning system built on a professional blog and classroom activities. 3rd ACEDEDOT Operations Management and Technology Workshop, Spain.
14. (2012) Mobile device platforms and servitization: towards an integrative model. 1st Barcelona Workshop on Business Servitization, Spain.
15. (2012) Networking in servitization: a study of the consequences of outsourcing in product-service systems. 1st Barcelona Workshop on Business Servitization, Spain.
16. (2012) Servitization as a consequence of absorptive capacity in print media companies. 1st Barcelona Workshop on Business Servitization, Spain.

17. (2012) Entrepreneurship and business simulation in operations management: an experience with high school students. 3rd ACEDEDOT Operations Management and Technology Workshop, Spain.
18. (2010) Radio-frequency identification (RFID): barriers and opportunities. 1st ACEDEDOT Workshop in Operations Management and Technology, Granada, Spain.

Management and leadership

Start	Position	Institution
2024	Coordinator of R&D&I project evaluation for the Madrid public universities	Directorate-General for Research and Technological Innovation, Community of Madrid
2023	Evaluator of R&D&I projects of the Madrid public universities	Directorate-General for Research and Technological Innovation, Community of Madrid
2019	Member of the Governing Board	Andalusian Agency for Innovation and Development (Agencia IDEA), Regional Government of Andalusia
2017	Member of the International Advisory Board of the International Management programmes	SRH Hochschule Berlin
2012	Coordinator of the Master in Economics and International Management (joint programme with SRH Hochschule Berlin)	University of Granada
2010	President of ACEDEDOT, the Operations Management and Technology section of ACEDE (2010–2017)	Spanish Academy of Management (ACEDE)
2008	Director of the Planning and Development Centre of the Health Sciences Technology Park of Granada	University of Granada
2006	Vice-Dean for Curricula and the European Higher Education Area	Faculty of Economics and Business, University of Granada
2004	Secretary of the Department of Business Organization	University of Granada

Organisation of scientific events

- 2010 – Organiser, 1st ACEDEDOT Workshop in Operations Management and Technology (OMTech), Granada.
- 2010 – R&D Days of the Health Sciences Technology Park, University of Granada.

Peer review

- 2026 – *Innovation and Green Development* (Elsevier).
- 2025 – Open peer review for *Qeios* (doi:10.32388/qusrm6).
- 2020 – *BRQ Business Research Quarterly* (recorded in Publons).

Research stays

Start	Host institution	Country
Mar 2024	Vietnam National University (visiting professor)	Vietnam
Apr 2018	SRH Hochschule Berlin (visiting professor)	Germany
Jun 2017	SRH Hochschule Berlin (visiting professor)	Germany
Sep 2016	SRH Hochschule Berlin (visiting professor)	Germany
Jun 2015	SRH Hochschule Berlin (visiting professor)	Germany
Apr 2014	Bucknell University (visiting professor)	USA
Sep 2004	University of Economics in Bratislava, National Centre for European and Global Studies (60 days; EU educational framework)	Slovakia
Jul 2004	University of Economics in Bratislava (91 days; research on business simulators)	Slovakia
Mar 2004	ESC Dijon (Burgundy School of Business)	France
Jul 2003	University of Economics in Bratislava	Slovakia
Jul 2002	University of Economics in Bratislava	Slovakia
Jul 1999	Harvard University	USA

Scientific societies

Member since 1998 of the Production and Operations Management Society (POMS), the European Operations Management Association (EurOMA), the European Academy of Management (EURAM) and the Spanish Academy of Management (ACEDE).

Outreach

Thirty outreach activities on technology, the economy and higher education, mostly in Spanish-language media.

- 2017 – present: regular contributor to the "Strange Economics" section of the radio programme and podcast *Días Extraños* (Santiago Camacho). Recent episodes: the free-will trap (2026), enshittification (2026), cognitive biases (2026), golden intangibles and the Milli Vanilli case (2025), Robert Maxwell and the business of science (2025), "trend or hype" obsessions in Spain (2024, 2025), strange economic indicators (2025) and the hidden economy of the esoteric market (2024).
- 2025 – Talk at *re:publica* (September).
- 2025 – Interviews and coverage in *El Español*, *La Vanguardia*, *Educational Evidence* and the podcast *El Elefante en el Campus* on teaching, student infantilisation and over-protective parents.
- 2024–2026 – Podcast interviews: *Memoria e Historia* (2024) and *Palabras de Noviembre* (2026).
- 2023 – Wide media coverage of his open letter and book *Dear student, we are deceiving you*: *El Mundo*, *La Razón*, *La Vanguardia*, *El Debate* (two pieces, including one on AI and assessment), *Alfa y Omega*, Antena 3 News, Telecinco, Onda Cero, Catalunya Ràdio (3CatInfo), *Entrevistas Capernaum* and the podcast *Frikilosofía*, which also covered his novel *The answer to everything*.